

Set	Items	Descript
S1	2272	COOKIE? OR (PERSIST? OR CLIENT?) () STATE?
S2	517331	LINK? OR HYPERLINK? OR URL OR URN OR URI OR RESOURCE () (LOC- ATOR? OR IDENTIFIER?)
S3	137907	SERVER? OR ROUTER? OR GATEWAY? OR OFFSITE () STORAGE?
S4	83	(CHANG? OR ALTER? OR REVIS? OR EDIT? OR MODIF? OR REWRIT?) - (N) (ADRESS? OR IDENTIFIER? OR URI)
S5	1041	S3 (2N) (NAME? OR ALIAS? OR VIRTUAL () ADDRESS?)
S6	226	(NEED? OR USE? OR REQUIRE? OR DEMAND?) (2N) S1
S7	2564227	INDICATOR? OR FLAG? OR TAG? ? OR NOTIF? OR SIGN?
S8	20	S6 AND S7
S9	194	(INCREAS? OR SPEED? OR ENHANC? OR ACCELERAT?) (2N) (WEBSITE? OR WEBPAGE? OR WWW OR WEB () (SITE? OR PAGE?) OR HOMEPAGE? OR H- OME () PAGE? OR WORLDWIDE () WEB)
S10	10519	(DIFFERENT? OR ALTERNAT? OR SEPARAT? OR OTHER? OR ANOTHER? -) (2N) (ADDRESS? OR IDENTIFIER? OR URI? ?)
S11	1	S1 (2N) S7 AND S2 AND S3
S12	0	S9 AND S10
S13	0	S1 AND S2 AND S3 AND S4
S14	1	S1 AND S2 AND S3 AND S5
S15	0	S1 AND S3 AND S4
S16	0	S1 AND S2 AND S4
S17	2	S2 AND S4
S18	70	S6 AND S3
S19	28	S18 AND IC=G06F-015?
S20	44	S8 OR S11 OR S14 OR S17 OR S19
S21	43	S20 AND IC=(G06F? OR H04L?)
S22	43	IDPAT (sorted in duplicate/non-duplicate order)
S23	41	IDPAT (primary/non-duplicate records only)

File 347: JAPIO Nov 1976-2003/Nov (Updated 040308)
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File 350: Derwent WPIX 1963-2004/UD, UM & UP=200417
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23/5/4 (Item 4 from File: 350)
DIALOG(R) File 350:Derwent WPIX
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015809803 **Image available**
WPI Acc No: 2003-872007/200381
XRPX Acc No: N03-696466

Single sign-on system for accessing web sites, has web server that
acquires cookie stored in user computer when user accesses web site,
for authentication, to allow user to access another web site

Patent Assignee: OJISU SOKEN KK (OJIS-N); SEIKO EPSON CORP (SHIH)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003323409	A	20031114	JP 2002131409	A	20020507	200381 B

Priority Applications (No Type Date): JP 2002131409 A 20020507

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003323409	A	9	G06F-015/00	

Abstract (Basic): JP 2003323409 A

NOVELTY - A web server (12) performs authentication of user if
user accesses a web site, based on which a cookie is transmitted to
user, and allows the user to access the web site. Another web server
(14) acquires the cookie stored in user computer, for
authentication when the user accesses another web site, and allows the
user to access respective web site.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

(1) single sign-on system; and

(2) single sign-on method.

USE - For enabling user to access multiple web sites, by using
single login operation.

ADVANTAGE - Enables user to efficiently access multiple web sites,
without the need for performing login operation repeatedly while
accessing the web sites.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram
explaining the single sign-on process. (Drawing includes non-English
language text).

web servers (12,14)

user computer (40)

pp; 9 DwgNo 4/4

Title Terms: SINGLE; SIGN ; SYSTEM; ACCESS; WEB; SITE; WEB; SERVE; ACQUIRE
; COOKIE; STORAGE; USER; COMPUTER; USER; ACCESS; WEB; SITE; AUTHENTICITY;
ALLOW; USER; ACCESS; WEB; SITE

Derwent Class: P85; T01; W01

International Patent Class (Main): G06F-015/00

International Patent Class (Additional): G09C-001/00

File Segment: EPI; EngPI

23/5/7 (Item 7 from File: 350)
DIALOG(R) File 350:Derwent WPIX
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015649417 **Image available**
WPI Acc No: 2003-711600/200367
XRPX Acc No: N03-569146

Data accessing method for web-based application, involves adding identity of server to all uniform resource locator web page and forwarding web page content to client

Patent Assignee: SCHNETZLER S (SCHN-I)

Inventor: SCHNETZLER S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030163586	A1	20030828	US 200283557	A	20020227	200367 B

Priority Applications (No Type Date): US 200283557 A 20020227

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030163586	A1		6 G06F-015/16	

Abstract (Basic): US 20030163586 A1

NOVELTY - The method involves receiving a request for web page from a client computer and transmitting the request to a **server** among a group of **servers**. Based on the request, a load balancer receives the web page and adds an identity of the **server** to uniform resource locator (URL) of the web page, and forwards the content of web page to the client computer.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) load balancer; and

(2) computer- readable medium storing data accessing program.

USE - For accessing data from e-commerce web sites, for performing secure transaction, navigating online application such as shopping cart or stock trading system, also for web-based applications.

ADVANTAGE - The persistence with web **server** is maintained while using load balancer, since the data accessing process is independent of **user** accepting **cookies**, the **need** to modify individual web **server** is eliminated.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating operation of load balancer.

pp; 6 DwgNo 2/2

Title Terms: DATA; ACCESS; METHOD; WEB; BASED; APPLY; ADD; IDENTIFY; SERVE; UNIFORM; RESOURCE; LOCATE; WEB; PAGE; FORWARDING; WEB; PAGE; CONTENT; CLIENT

Derwent Class: T01

International Patent Class (Main): G06F-015/16

File Segment: EPI

23/5/26 (Item 26 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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014070213 **Image available**
WPI Acc No: 2001-554426/200162
XRPX Acc No: N01-412403

Terminal specifying method of world wide web, involves comparing client
terminal number read from cookie received from client terminal with
preset terminal number registered in server

Patent Assignee: MATSUSHITA ELECTRIC WORKS LTD (MATW)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001236320	A	20010831	JP 200048018	A	20000224	200162 B

Priority Applications (No Type Date): JP 200048018 A 20000224

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001236320	A	4	G06F-015/00	

Abstract (Basic): JP 2001236320 A

NOVELTY - A client terminal (1) is provided with a browser and a
cookie for accessing a **server** (2). The terminal number is set in the
cookie. The **server** specifies a terminal to be connected to the world
wide web (WWW) by comparing the terminal number in the cookie received
from the terminal with a preset terminal number registered in the
server.

USE - For specifying clients connected to world wide web in a
network.

ADVANTAGE - Since terminal number in a **cookie** is **used**, terminal
connected to WWW can be specified accurately, thereby enabling high
security.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic block
diagram of system for implementing terminal specifying method of WWW.
(Drawing includes non-English language text).

Client terminal (1)

Server (2)

pp; 4 DwgNo 1/2

Title Terms: TERMINAL; SPECIFIED; METHOD; WORLD; WIDE; WEB; COMPARE; CLIENT
; TERMINAL; NUMBER; READ; COOKIE; RECEIVE; CLIENT; TERMINAL; PRESET;

TERMINAL; NUMBER; REGISTER; SERVE

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/00

International Patent Class (Additional): G06F-013/00 ; H04L-012/24 ;

H04L-012/26

File Segment: EPI

23/5/29 (Item 29 fr file: 350)
DIALOG(R)File 350:Derwent WPIX
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013980570 **Image available**

WPI Acc No: 2001-464784/200150

Related WPI Acc No: 2001-354652; 2001-397419; 2001-441160; 2001-456994;
2001-457005; 2001-580592; 2001-596340

XRFX Acc No: N01-344778

Information transmission method for network communication involves
accessing file using values from redirect message string, produced from
encoded property set, for each change of link identifier

Patent Assignee: FIREDROP INC (FIRE-N); ZAPLET INC (ZAPL-N)

Inventor: AXE B; EVANS S R; HANSON M; MILLER G

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200117174	A1	20010308	WO 2000US23756	A	20000829	200150 B
AU 200070877	A	20010326	AU 200070877	A	20000829	200150
US 6523063	B1	20030218	US 99151476	P	19990830	200317
			US 99151650	P	19990831	
			US 99426648	A	19991025	
			US 99427152	A	19991025	
			US 99427378	A	19991025	
			US 2000483502	A	20000114	

Priority Applications (No Type Date): US 2000483502 A 20000114; US 99151476
P 19990830; US 99151650 P 19990831; US 99426648 A 19991025; US 99427152 A
19991025; US 99427378 A 19991025

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200117174	A1	E	52 H04L-012/28	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200070877	A		H04L-012/28	Based on patent WO 200117174
US 6523063	B1		G06F-015/16	Provisional application US 99151476 Provisional application US 99151650 CIP of application US 99426648 CIP of application US 99427152 CIP of application US 99427378 CIP of patent US 6463461

Abstract (Basic): WO 200117174 A1

NOVELTY - The method involves receiving a link identifier
associated with a file containing an information. A first command is
executed to retrieve the link identifier. The retrieve link
identifier is converted into a property set. A redirect message string
is generated from the encoded property set. The file is accessed using
the values from the redirect message string for each link identifier
change .

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a
network system.

USE - Applicable for group data communication over network e.g.
internet.

ADVANTAGE - Ensures reliable, efficient and secure transmission of
predetermined information over communication network. Attains reduction
of load and cost for system operation since redirect process is
performed to limit the amount of communication with a database. Enables
rapid and interactive collaboration and communication of information
among participants of a group.

DESCRIPTION OF DRAWING(S) - The figure shows the simplified diagram
of a sample network including participants of a group connected to the
communication network.

pp; 52 DwgNo 1/11

Title Terms: INFORMATION; TRANSMISSION; METHOD; NETWORK; COMMUNICATE;
ACCESS; FILE; VALUE; REDIRECT; MESSAGE; STRING; PRODUCE; ENCODE;
PROPERTIES; SET; CHANGE; **LINK** ; IDENTIFY

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/16 ; H04L-012/28

International Patent Class (Additional): G06F-013/00

File Segment: EPI

23/5/38 (Item 38 fr file: 347)
DIALOG(R)File 347:JAPIO
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07078851 **Image available**
ID ISSUE METHOD, ID AUTHENTICATION METHOD, AND WEB SERVER

PUB. NO.: 2001-306497 [JP 2001306497 A]
PUBLISHED: November 02, 2001 (20011102)
INVENTOR(s): MUTO KENJI
APPLICANT(s): NTT COMMUNICATIONS KK
APPL. NO.: 2000-123155 [JP 2000123155]
FILED: April 24, 2000 (20000424)
INTL CLASS: G06F-015/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an ID issue method and an ID authentication method which can identify uniqueness of members even if a member's ID is the same as another one's and also can issue an ID that can be easily memorized.

SOLUTION: A user selects his/her favorite guidance character and ID from a list of guidance characters and transmits them to a service provider. The service provider memorizes the selected guidance character and ID of every user and generates and memorize a cookie where the **flag** showing the guidance character is embedded and then transmits the **cookie** to the **user**. The **user** memorizes the **cookie** and transmits it to the service provider when the service is provided. The service provider reads the guidance character out of the cookie and transmits it to the user. The user transmits his/her own ID to the service provider. Then, the service provider authenticates a member from the received guidance character and ID and issues a homepage to the user for guiding the user with the guidance character.

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23/5/40 (Item 40 fr file: 347)
DIALOG(R)File 347:JAPIO
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06156591 **Image available**

METHOD FOR DETECTING FRAUDULENT ALTERATION AND COPY OF COOKIE, AND PROGRAM
STORAGE MEDIUM

PUB. NO.: 11-098134 [JP 11098134 A]
PUBLISHED: April 09, 1999 (19990409)
INVENTOR(s): KIKUCHI MITSUTAKA
ASANUMA TORU
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT>;
NTT ADVANCED TECHNOLOGY CORP
APPL. NO.: 09-258424 [JP 97258424]
FILED: September 24, 1997 (19970924)
INTL CLASS: H04L-009/32 ; G06F-013/00 ; G09C-001/00; G09C-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To keep the security of WWW(the world wide web) service by detecting the fraudulent alteration of a **Cookie** (information **used** for control of transition of a service served for the user and the transfer of data between services by a WWW server) and detecting the use of a copy of the Cookie thereby preventing unauthorized **use** of the **Cookie**.
SOLUTION: A computer 1 providing the WWW service that receives a service request from a user terminal 2 adds a series of or specific information to the Cookie and adds a digital **signature** to the information and encrypts the resulting information to conceal a data structure of the Cookie and sends it. Upon the receipt of the **Cookie** from a **user** terminal 2, it is decoded and the digital **signature** is extracted and it is authenticated. Furthermore, the unified relation between the served WWW service item and the user is confirmed by the series or specific information added to the Cookie.

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23/5/41 (Item 41 fr file: 347)
DIALOG(R)File 347:JAPIO
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05973948 **Image available**

AUTHENTICATION FOR DISTRIBUTED FILE SYSTEM WEB SERVER USER BY COOKIE

PUB. NO.: 10-257048 [JP 10257048 A]
PUBLISHED: September 25, 1998 (19980925)
INVENTOR(s): SHAU-BEN SHI
MICHAEL BRADFORD OLT
ARNST ROBERT PLASMAN
BRUCE ARLAND RICH
MCKEELER AN ROSIRES
THEODORE JACQUES LONDON SELLERD
APPLICANT(s): INTERNATL BUSINESS MACH CORP <IBM> [000709] (A Non-Japanese
Company or Corporation), US (United States of America)
APPL. NO.: 10-004566 [JP 984566]
FILED: January 13, 1998 (19980113)
PRIORITY: 7-790,041 [US 790041-1997], US (United States of America),
January 28, 1997 (19970128)
INTL CLASS: [6] H04L-009/32 ; G06F-015/00
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.4 (INFORMATION
PROCESSING -- Computer Applications)